



Atty. Dkt. No. 079012-0102

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Vladimir BARANOV et al.  
Title: ELEMENTAL ANALYSIS OF TAGGED BIOLOGICALLY ACTIVE MATERIALS  
Appl. No.: 10/614,115  
Filing Date: 07/03/2003  
Examiner: Lisa V. Cook  
Art Unit: 1641  
Confirmation Number: 7685

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date

16 May 2006

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Date Submitted: May 16, 2006

(use as many sheets as necessary)

## Complete if Known

Application Number	10/614,115
Filing Date	07/03/2003
First Named Inventor	Vladimir BARANOV
Group Art Unit	1641
Examiner Name	Lisa V. Cook
Attorney Docket Number	079012-0102

Sheet

1

of

1

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	D1		WO 02/054075	A1	MDS INC.	7/11/2002		
	D2		WO 00/36136		PALATIN TECHNOLOGIES INC.	6/22/2000		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	D3	Earl FRIEDEN et al., "Methods for Labeling Thyroxine With Radioactive Iodine", SCIENCE, April 2, 1948, Vol. 107, pp. 353-354.	
	D4	Vladimir I. BARANOV et al., "A Sensitive and Quantitative Element-Tagged Immunoassay with ICPMS Detection", Analytical Chemistry, Vol. 74, No. 7, April 1, 2002, pp. 1629-1636.	
	D5	John MARSHALL et al., "Atomic Spectrometry Update -- Atomic Emission Spectrometry", Journal of Analytical Atomic Spectrometry, June 1997, Vol. 12, pp. 263R-290R.	
	D6	Paul K. HORAN et al., "Quantitative Single Cell Analysis and Sorting", SCIENCE, Vol. 198, October 1977, pp. 149-157.	
	D7	Alexandra HESS et al., "Transition metal labels on peptide nucleic acid (PNA) monomers", Chem, Commun., 1999, pp. 885-886.	
	D8	Andrea CSAKI et al., "Gold nanoparticles as novel label for DNA diagnostics", EXPERT REVIEW OF MOLECULAR DIAGNOSTICS, vol. 2, no. 2, March 2002, pp. 89-94.	
	D9	Louis S. GREEN et al., "APTAMERS AS REAGENTS FOR HIGH-THROUGHPUT SCREENING", BIOTECHNIQUES, vol. 30, no. 5, May 2001, pp. 1094-1095; 1098, 1100, 1102, 1104, 1106 & 1110.	
	D10	Rebecca HOLMBERG et al., "Isolation of DNA aptamers that bind Ru(bpy)2phen2+" ABSTRACTS OF PAPERS AMERICAN CHEMICAL SOCIETY, vol. 224, no. 1-2, 2002, page INOR 105; XP002325844.	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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